

CLAIMS

- 1- CLASSIFYING GAUGE VACUUM FEEDER comprising a flaccid materials(1) transfer device from a transport means to another transport means or a weighing system characterized by the transfer device being comprised of a rotating cylinder(5) body having
5 holes(9) on the cylindrical surface; said holes(9) being connected to the inlet of a vacuum pump through a bundle of tubes(10) placed inside said cylinder(5) and by being said tubes(10) coupled through flanges(12 and 14) to a tube(17) external to said cylinder(5);
- 2- CLASSIFYING GAUGE VACUUM FEEDER according to claim 1, characterized by tubes(10) being strong connected to the cylinder(5) body connecting each of the holes(9)
10 to each of the holes(11) arranged in a circle on one of sides corresponding to one of the cylinder(5) bases.
- 3- CLASSIFYING GAUGE VACUUM FEEDER according to claim 1, characterized by a flange(12) facing the cylinder(5) base having a set of holes(13) arranged in a arc of circle form being the radius of said arc of circle substantially equal to the radius of the circle on
15 which the holes(11) are placed on cylinder(5) base;
- 4- CLASSIFYING GAUGE VACUUM FEEDER according to claim 1, characterized by having a flange(14) that overlaps flange(12) facing the cylinder(5) base and said flange(14) having a vacuum distribution chamber(15) lined up with said holes(13) of flange(12) facing the cylinder(5) base;
- 20 5- CLASSIFYING GAUGE VACUUM FEEDER according to claim 1, characterized by each hole(9) having a socket(20) in a form of an oval nozzle resulting from an inclined cut at the end of the cylinder body that forms the socket.
- 6- CLASSIFYING GAUGE VACUUM FEEDER according to claim 1, characterized by each hole(9) having a socket(21) in a form of a circular nozzle formed by a normal cross-
25 section of the cylinder body that forms the socket.

7- CLASSIFYING GAUGE VACUUM FEEDER according to claim 1, characterized by each hole(9) having a socket(22) in a form of a hollow truncated cone nozzle formed by beveling the normal cross-section of the straight end of the cylinder body that forms the socket;

5 8- CLASSIFYING GAUGE VACUUM FEEDER according to claim 1, characterized by each hole(9) having a socket(23) in a form of a circular nozzle formed by a ring form type cylindrical body boss(23) atop the cylinder body that forms the socket;

9- CLASSIFYING GAUGE VACUUM FEEDER according to claim 1, characterized by each hole(9) having a socket(24) in a form of a rectangular nozzle on the top end of the
10 cylinder body that forms the socket.